

## WEST Search History for Application 10587643

Creation Date: 2010022805:19

"ONO, NAOTO".in.PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
"TANOUE, TOSHIO".in.PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
"FUDANOKI, FUMIO".in.PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
"KOMORI, TADASHI".in.PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
"YAMAMOTO, SHUJI".in.PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
("YAMAMOTO, SHUJI".in. ) or ("KOMORI, TADASHI".in. ) or ("FUDANOKI, FUMIO".in. ) or  
("TANOUE, TOSHIO".in. ) or ("ONO, NAOTO".in. )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 09-28-2008  
(ferrite or ferritic) near4 (steel or sus)PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
hardness or HV or sizing or sized or anneal or (heat adj (treat or treating or  
treated))PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
weld or welded or weldingPGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
(ti or titanium or nb or niobium)PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
elongation or expansion or elongate or elongated or expandedPGPB, USPT, EPAB, JPAB,  
DWPI OR YES 09-28-2008  
((ferrite or ferritic) near4 (steel or sus) ) same (weld or welded or welding ) same (elongation  
or expansion or elongate or elongated or expanded )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 09-28-2008  
((ferrite or ferritic) near4 (steel or sus) same weld or welded or welding same elongation or  
expansion or elongate or elongated or expanded ) and ("YAMAMOTO, SHUJI".in. or  
"KOMORI, TADASHI".in. or "FUDANOKI, FUMIO".in. or "TANOUE, TOSHIO".in. or "ONO,  
NAOTO".in. )PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
("YAMAMOTO, SHUJI".in. or "KOMORI, TADASHI".in. or "FUDANOKI, FUMIO".in. or  
"TANOUE, TOSHIO".in. or "ONO, NAOTO".in. ) and ((ferrite or ferritic) near4 (steel or sus)  
)PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
("YAMAMOTO, SHUJI".in. or "KOMORI, TADASHI".in. or "FUDANOKI, FUMIO".in. or  
"TANOUE, TOSHIO".in. or "ONO, NAOTO".in. and (ferrite or ferritic) near4 (steel or sus) ) abd  
( ((ti or titanium or nb or niobium) ) or (hardness or HV or sizing or sized or anneal or  
annealed or (heat adj (treat or treating or treated)) ) )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 09-28-2008  
("YAMAMOTO, SHUJI".in. or "KOMORI, TADASHI".in. or "FUDANOKI, FUMIO".in. or  
"TANOUE, TOSHIO".in. or "ONO, NAOTO".in. and (ferrite or ferritic) near4 (steel or sus) ) and  
( ((ti or titanium or nb or niobium) ) or (hardness or HV or sizing or sized or anneal or  
annealed or (heat adj (treat or treating or treated)) ) )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 09-28-2008  
("YAMAMOTO, SHUJI".in. or "KOMORI, TADASHI".in. or "FUDANOKI, FUMIO".in. or  
"TANOUE, TOSHIO".in. or "ONO, NAOTO".in. and (ferrite or ferritic) near4 (steel or sus) and  
((ti or titanium or nb or niobium) or hardness or HV or sizing or sized or anneal or annealed  
or (heat adj (treat or treating or treated)) ) ) and (elongation or expansion or elongate or  
elongated or expanded )PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
("YAMAMOTO, SHUJI".in. or "KOMORI, TADASHI".in. or "FUDANOKI, FUMIO".in. or  
"TANOUE, TOSHIO".in. or "ONO, NAOTO".in. and (ferrite or ferritic) near4 (steel or sus) and  
((ti or titanium or nb or niobium) or hardness or HV or sizing or sized or anneal or annealed  
or (heat adj (treat or treating or treated)) ) and elongation or expansion or elongate or  
elongated or expanded ) and (weld or welded or welding )PGPB, USPT, EPAB, JPAB,  
DWPI OR YES 09-28-2008

((ferrite or ferritic) near4 (steel or sus) ) same (elongation or expansion or elongate or elongated or expanded ) same (weld or welded or welding )PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008  
 (pipe or exhaust) same ((ferrite or ferritic) near4 (steel or sus) same elongation or expansion or elongate or elongated or expanded same weld or welded or welding )PGPB, USPT, EPAB, JPAB, DWPI OR YES 09-28-2008

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
tube or pipe or tubing	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
weld or welded or welding	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding ) near4 (tube or pipe or tubing )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
fuel	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(fuel ) with (weld or welded or welding near4 tube or pipe or tubing )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
bead or thickness	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
weld or welded or welding	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding ) near4 (tube or pipe or tubing )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing ) with (fuel )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing with fuel ) and (bead or thickness )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing with fuel ) .ti, ab, clm.	PGPB, USPT, EPAB, JPAB,	OR	YES		02-28-2010

	DWPI				
(weld or welded or welding near4 tube or pipe or tubing with fuel .ti, ab, clm. ) and (weld or welded or welding near4 tube or pipe or tubing with fuel and bead or thickness )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing with fuel .ti, ab, clm. and weld or welded or welding near4 tube or pipe or tubing with fuel and bead or thickness )	PGPB, USPT	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing with fuel .ti, ab, clm. and weld or welded or welding near4 tube or pipe or tubing with fuel and bead or thickness ) and (hardness or HV)	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
bead near3 (thick or thickness)	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
bead near3 (thick or thickness)	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(bead near3 (thick or thickness) ) and (weld or welded or welding near4 tube or pipe or tubing )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(bead near3 (thick or thickness) and weld or welded or welding near4 tube or pipe or tubing ) , ti, ab, clm.	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing ) .ti, ab, clm.	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing ) .ti, ab, clm.	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing ) .ti, ab, clm.	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing .ti, ab, clm. ) and (bead near3 (thick or thickness) and weld or welded or welding near4 tube or pipe or tubing )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
(weld or welded or welding near4 tube or pipe or tubing .ti, ab, clm. ) and (bead near3 (thick or thickness) and weld or welded or welding near4 tube or pipe or tubing )	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010

<b>(weld or welded or welding ) near3 (thick or thickness)</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
<b>(weld or welded or welding ) near3 (thick or thickness)</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
<b>(weld or welded or welding near3 (thick or thickness) ) and (weld or welded or welding near4 tube or pipe or tubing .ti, ab, clm. )</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010
<b>(weld or welded or welding near3 (thick or thickness) and weld or welded or welding near4 tube or pipe or tubing .ti, ab, clm. ) and (hardness or hv)</b>	PGPB, USPT, EPAB, JPAB, DWPI	OR	YES		02-28-2010